

# SAFETY DATA SHEET

## Teamworks Manufacturing Inc.

### Pow-R-Clean

#### 1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

**Identification of Preparation:** Pow-R-Clean

**Date of Safety Data Sheet:** April 25, 2015

**Use of Preparation:** Cleaner/Degreaser.

**Company Identification:** TEAMWORKS MANUFACTURING INC.  
#101 10411 178TH STREET  
EDMONTON, AB T5S 1R5  
OFFICE: 780-443-2923

**Company Emergency Telephone Number** Emergency Phone: 780-443-2923

**Transportation Emergency Telephone Number** CANUTEC 613-996-6666 or \* 666 for cell phone

#### 2. HAZARD IDENTIFICATION

**Emergency Overview:**  
**OSHA / WHMIS 2015 Hazards**  
Irritant.  
**Classification of substance or mixture**  
**GHS-US/Canadian classification:**  
**GHS Hazards**  
Acute Toxicity 4 (Oral) H302  
Eye Irritation 2 H319  
Skin Irritation 2 H315  
**Label Elements**  
**GHS Labeling**  
**Hazard Pictograms (GHS):**



**Signal Word (GHS):** Warning  
**Hazard Statements (GHS):**  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
**Precautionary Statements (GHS):**  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

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P264 Wash thoroughly after handling.

#### Response (GHS):

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Di Sodium Metasilicate	6834-92-0	1-5	Skin Corrosion Category 1B – H314 Specific target organ toxicity single exposure (Respiratory) Category 3 - H335
Tetrasodium EDTA	64-02-8	1-5	Acute Toxicity (Oral) Category 4 - H302 Skin Irritant Category 2 - H315 Eye Irritant Category 2A - H319
Alcohol Ethoxylate	68439-46-3	7-15	Acute Toxicity (Oral) Category 4 - H302 Skin Irritant Category 2 - H315 Eye Irritant Category 2A - H319
Diphosphoric Acid, Potassium Salt (1:4)	7320-34-5	1-5	Acute Toxicity (Oral) Category 5 - H303 Skin Irritant Category 2 - H315 Eye Irritant Category 2A - H319

### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms persist consult physician.
<b>Eye Contact:</b>	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
<b>Skin Contact:</b>	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
<b>Ingestion:</b>	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Get medical aid.
<b>Notes to Physician:</b>	Treatment based on judgment of attending physician.

### 5. FIRE FIGHTING MEASURES

<b>Suitable extinguishing media:</b>	As per surrounding fire.
<b>Unsuitable extinguishing media:</b>	No information available.
<b>Special exposure hazards</b>	Fire or excessive heat may produce hazardous decomposition products.
<b>Special safety equipment:</b>	Self-contained positive pressure breathing apparatus and protective clothing.

Date: April 25, 2015

SDS: Teamwork Manufacturing Inc. Pow-R-Clean

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#### Fire and explosion Further information

Not flammable. Not an explosive hazard.  
Keep containers and surrounding cool with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe mist.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area.

#### Environmental Precautions

Prevent entry to sewers and public waters.

#### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clear up spills immediately with absorbent and dispose of waste safely.

**Reference to Other Sections:** See Heading 8. Exposure controls and personal protection.

## 7. HANDLING AND STORAGE

### Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of mist.

### Information about fire - and explosion protection:

Keep respiratory protective device available.

No special measures required.

### Conditions for safe storage, including any incompatibilities

#### Storage:

#### Requirements to be met by storerooms and receptacles:

Store in a cool location.

#### Information about storage in one common storage facility:

Do not store together with acid products.

Store away from reducing agents.

Store away from foodstuffs.

#### Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles.

Store receptacle in a well ventilated area.

Keep container tightly sealed.

**Specific end use(s)** No further relevant information available.

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#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory protection:** Use local exhaust or dilution ventilation.  
**Hand protection:** Chemical resistant gloves.  
**Eye protection:** Safety goggles.  
**Skin protection:** Use body-covering clothing.  
**Working hygiene:** Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.  
**Exposure Guidelines:**

Source Material	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>
No ingredients with limits				

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear Liquid	<b>Vapour Density (Air=1):</b>	No data available.
<b>Odour:</b>	Typical	<b>Specific Density:</b>	1.099 g/cc
<b>Odour Threshold:</b>	No data available.	<b>Solubility in Water:</b>	Soluble
<b>PH:</b>	11.9-12.1	<b>Log Pow (calculated):</b>	Not established.
<b>Melting Point:</b>	Estimated 0 °C	<b>Autoignition Temperature:</b>	No data available.
<b>Boiling Point:</b>	100 °C	<b>Decomposition Temperature:</b>	No data available.
<b>Flash Point:</b>	No data available.	<b>Viscosity:</b>	No data available.
<b>Flammable Limits in Air:</b>	No data available.	<b>Percent Volatile by Volume:</b>	No data available.

#### 10. STABILITY AND REACTIVITY

**Reactivity** Stable at normal ambient temperature and pressure.  
**Chemical stability** No decomposition if stored and applied as directed.  
**Thermal decomposition/conditions to avoid:** Stable under normal conditions.  
**Possibility of hazardous reactions** Reacts with acids. Reacts with reducing and oxidizing agents.  
**Conditions to avoid** Store away from reducing agents, water, acids, and acid salts of heavy metals, organic materials and flammable substances.  
**Hazardous decomposition products** Acids, oxidizing and reducing agents.  
**Materials to avoid** Oxides of carbon.  
**Hazardous polymerization** Will not occur

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#### 11. TOXICOLOGICAL INFORMATION

##### Information on toxicological effects

##### Acute toxicity:

##### LD/LC50 values relevant for classification

**Routes of Entry** Inhalation, ingestion, eye or skin

##### Di Sodium Metasilicate CAS # 6834-92-0:

LD50 (Oral) Rat 1,153 mg/Kg

##### Alcohol Ethoxylate CAS # 68439-46-3:

LD50 (Oral) Rat 2,000 mg/kg

##### Tetrasodium EDTA CAS #64-02-8:

LD50 (Oral) Rat 1,780 mg/kg

##### Diphosphoric Acid, Potassium Salt (1:4) CAS # 7320-34-5:

LD50 (Oral) Rat > 90 mg/kg

##### Carcinogenicity:

Chemical Name	ACGIH	IARC	NTP	OSHA
No ingredient listed				

**IARC: (International Agency for Research on Cancer)**

None

##### Chronic Effects:

**Mutagenicity:** No evidence of a mutagenic effect.

**Teratogenicity:** No evidence of a teratogenic effect (birth defect).

**Sensitization:** No evidence of a sensitization effect.

**Reproductive:** No evidence of negative reproductive effects.

##### Target Organ Effects:

**Acute:** No information available

#### 12. ECOLOGICAL INFORMATION

**Toxicity:** Not classified

**Persistence and Degradability:** Not available

**Bioaccumulative Potential:** Not available

**Mobility in Soil:** Not available.

##### Other Adverse Effects

##### Other Information:

Avoid release to the environment.

All of the organic components of this product are readily biodegradable.

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#### 13. DISPOSAL

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

#### 14. TRANSPORTATION INFORMATION

**U.S. Department of Transportation (DOT): Not Regulated**

**Canadian TDG (Road & Rail): Not Regulated**

**Water Transportation (IMO): Not Regulated**

**Air Transportation (IATA): Not Regulated**

#### 15. REGULATION

**SARA : Section 302** None

**SARA (313) Chemicals** None

**EPA TSCA Inventory** Appears.

**Canadian DSL** Appears.

**EINECS** Appears.

**WHMIS Classification:** Class D-Division 2B



#### **HMIS III Rating:**

Health: 1 Slight Hazard - Irritation or minor reversible injury possible

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012) SDS Canada (GHS WHMIS 2015)

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#### 16. OTHER INFORMATION

**Prepared By:** Lizmar  
32 Louisa Street  
Toronto Ontario  
M8V 2K6  
416-436-5054

**Issuing Date:** April 25, 2015

**Disclaimer:**

The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**